

Amendments to the Specification

Please replace the paragraph beginning at page 7, line 28, with the following amended paragraph:

In the embodiment being described, the oscillator 74 of the delta data channel circuit 56a is free-running and provides a digital pulse train (i.e., time signal) at a relatively constant high frequency to the time counter 78. As such, the time signal is a digital representation of elapsed time. The time counter accumulates a "time count." The combination of the "data count" and the "time count" provides time-based digital information representative of the radiation passing through a subject during a scanning operation. In an alternate embodiment, the oscillator 74 and time counter 78 may be combined as a time circuit, separate from the delta data channel circuits 56a-56n, that is common to each delta data channel circuit.